

X-BAG TUTOR SIMULATOR

X-BAG U.S. CORP



THE NEW FRONTIER OF X-RAY TRAINING

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X-BAG TUTOR SIMULATOR

Table of Content



OVERVIEW



MISSION / COMMITMENT



KEY FEATURES



TRAINING MODULES



REPORT SECTION

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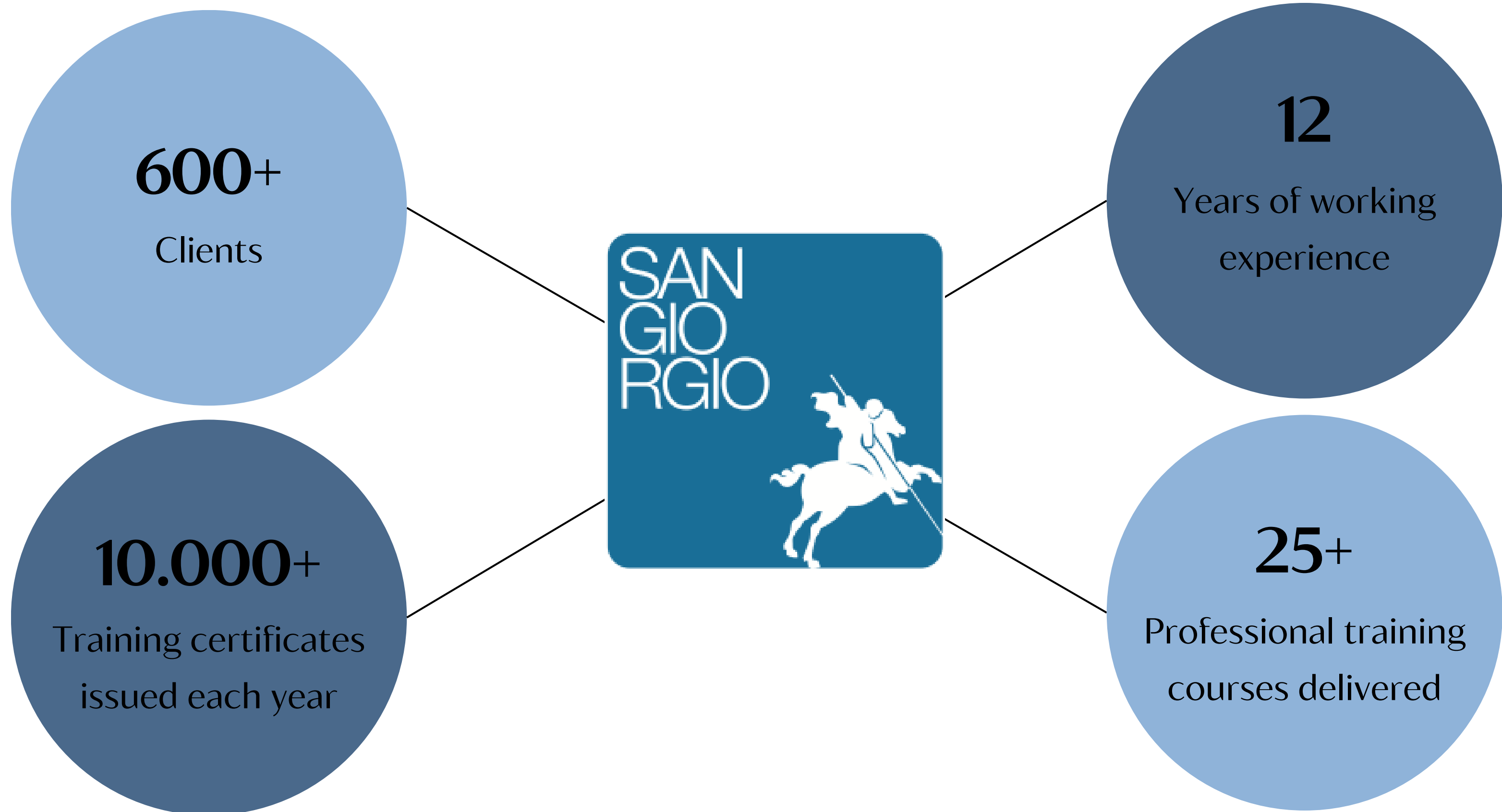
Overview

X-BAG is a **CBT system** designed for the training of security officers involved in the screening of baggage, cargo and supplies at airports, seaports and other sensitive sites.

The software was developed by **San Giorgio**, the leading security training organization in Italy, and a team of IT engineers from the **University Federico II of Naples**.

In addition to major private companies, X-BAG has been selected by the **Jordan Civil Aviation Regulatory Commission** and the **Italian Civil Aviation Authority** to conduct certification examinations.

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Milestones



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2019

Release of the first beta
version of X-BAG

2021

Purchased by Rome and Venice
airports for the training of security
screeners

2023

Sanctioned by the Italian CAA and
Jordan CARC to conduct
certification examinations

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Mission

X-BAG aims to provide a **simple, customizable** and **highly educational tool** that can support organizations throughout the entire training process.

Our primary goal is to enhance the **experiential background** and **situational awareness** of security screeners through continuous training on thousands of different case studies.

Commitment

X-BAG is committed to **continuously updating its educational content** taking into account new and emerging threats.

Our vision is to establish a **long-term partnership** with each of our clients in order to create **fully customized training programs** based on their specific needs.



Our
Value

Key Features

Simulation of X-Ray scanners

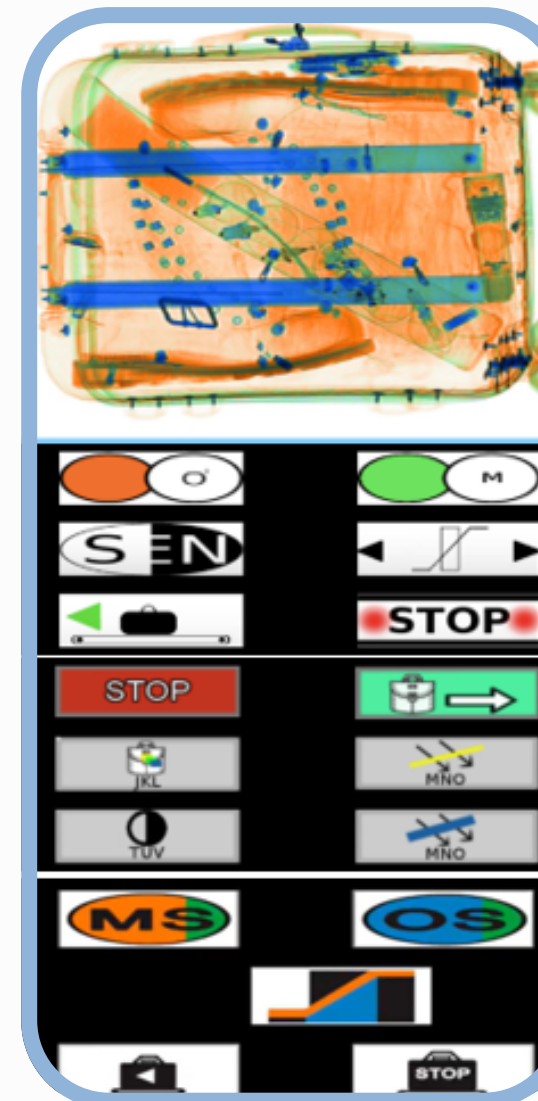
- Keyboards and UI of major X-Ray scanner brands
- Image enhancement and manipulation functions
- Conveyor belt sliding system

Extensive image library

- 10.000+ high resolution images
- 4 rotations, 1 photograph, 1 descriptive image
- Weekly update

Data analysis tool

- Individual training review
- Group summary reports
- Progress tracking section



	DECISION MADE ROTATE - OPEN - PASS	RIGHT DECISION HOLD
	DECISION MADE SPLIT	RIGHT DECISION ALARM
	DECISION MADE ROTATE - ROTATE - OPEN - ALARM	RIGHT DECISION ALARM
	DECISION MADE ROTATE - OPEN - HOLD	RIGHT DECISION HOLD

CBT PERIODIC TRAINING REPORT SCREENERS CAT. A1-A2-A3	
STARTING DATE: 01/01/2022	
END DATE: 31/12/2022	
CANDIDATE DATA: NAME – LPRGLI99S45H501U	
COMPANY:	
SESSION DURATION: 600 minuti	
IMAGES ANALYZED: 749	
DANGEROUS BAGGAGE: 562	
UNHARMFUL BAGGAGE: 187	
CORRECTLY ASSESSED IMAGES: 633 (85%)	
DETAIL OF IMAGE EVALUATION	
DANGEROUS BAGGAGE FOUND: 446 / 562	
UNHARMFUL BAGGAGE IDENTIFIED: 187 / 187	



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Benefits

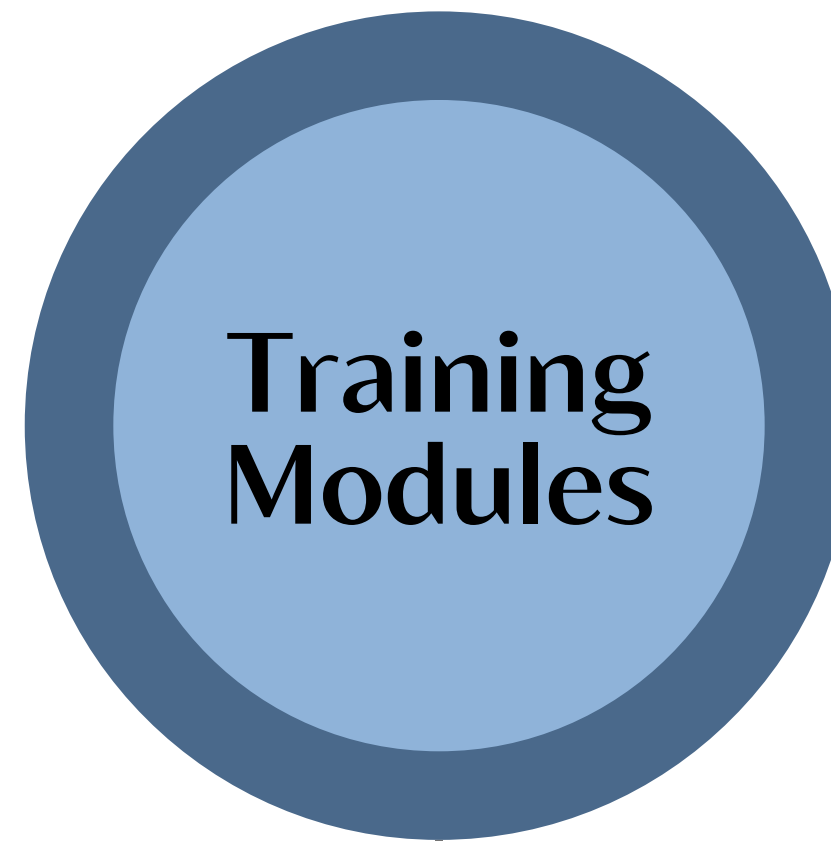
The exact simulation of the workstation provides an extraordinarily **realistic training experience** that allows to replace the time-consuming and impractical on-the-job training.

The weekly library update takes into account new and emerging threats, allowing screeners to practice on **thousands of prohibited items** they might encounter in real life.

Training course parameters can be fully customized in order to create **individualized sessions** based on the screener's level, progress and weaknesses.

Screeners receive **immediate feedback** on sessions conducted, while instructors have access to a wide range of **data analysis tools** to spot specific critical issues.

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MULTIPLE-CHOICE QUESTIONS

Training on the most relevant
theoretical concepts pertaining
to the role of the screener.



TUTOR SIMULATOR

Practical training on the use of
X-ray machines and the
interpretation of images.

Multiple-Choice Questions

The initial training of screeners is supported by multiple-choice questionnaires on the **theoretical content** provided by different training programs.

The database includes more than **2,000 questions** and is further **customizable** by individual users based on the specific needs of the organization.

An **instant assessment** is available for trainees, instructors, and training managers.

COURSE NAME

What color are organic materials displayed as inside an X-ray scanner?
☐ a) Blue
☐ b) Orange
☐ c) Green

UNDO

NEXT

TIME LEFT : 09:09

QUESTION No. 1

USER
Demo1

EXIT

Summary of the answers provided:
1 2 3 4 5 6
7 8 9 10
Key:
Answer provided
Answer not provided
Question not viewed

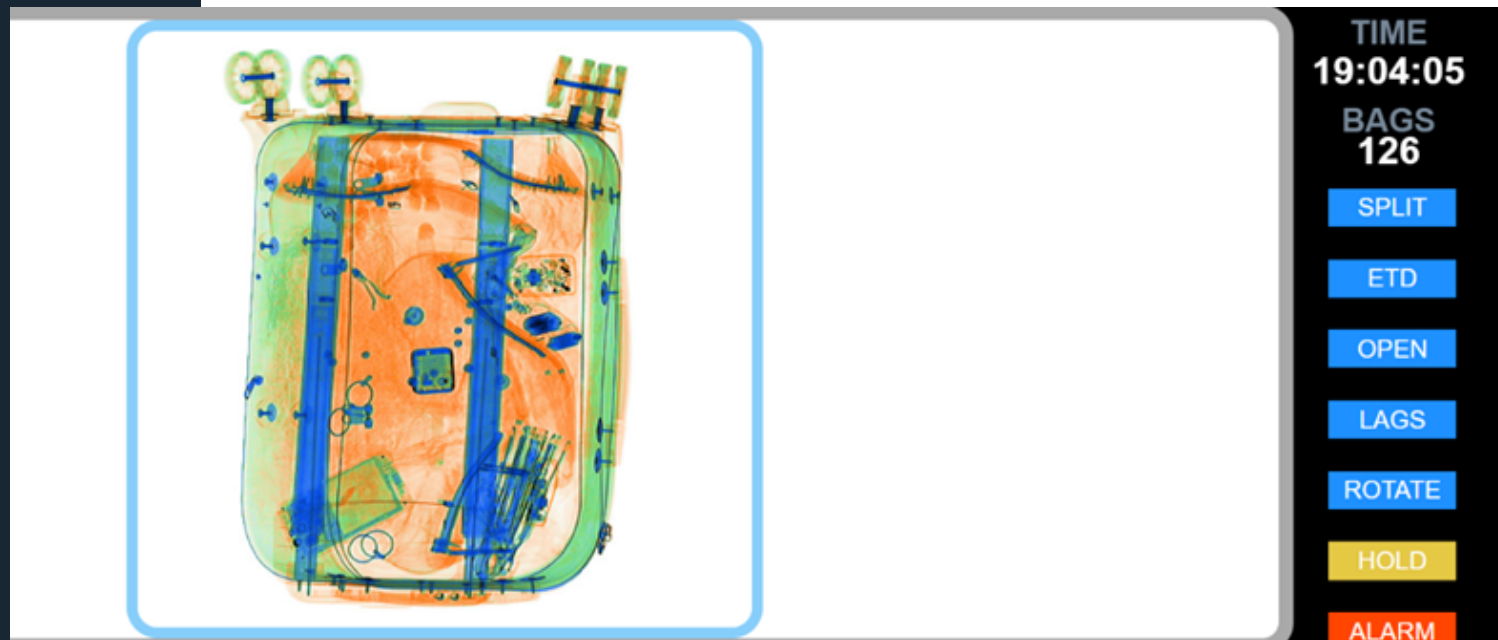
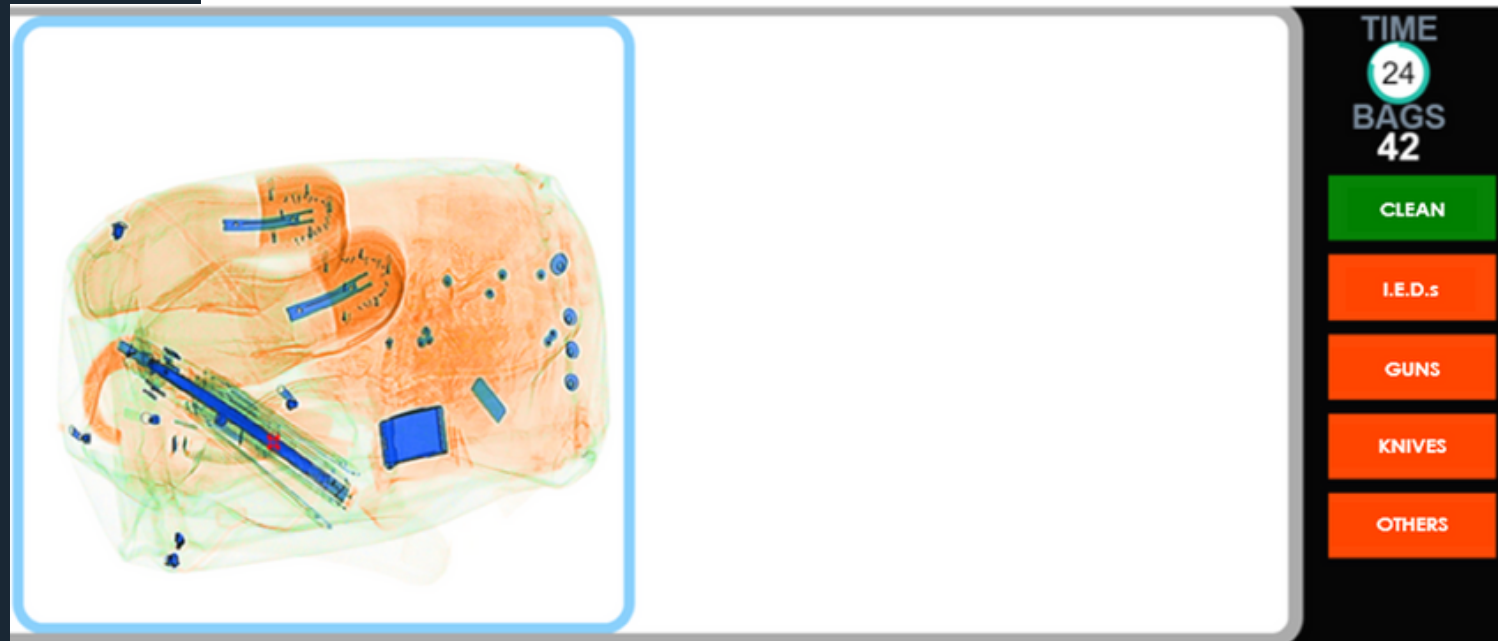
Tutor Simulator

THREAT SELECTION

Trainees are required to **select the area** of the baggage where the threat is located and then **assign it to one of the specific categories** of prohibited items.

PROCEDURE COMPLIANCE

Trainees are required to correctly **apply the screening procedures** outlined in international standards, which include **baggage inspection**, **ETD** and **LED systems**, and the **separation of electronic devices**.



Course Creation

Training courses can be **fully customized** according to specific educational needs by setting a number of **variable parameters** that include:

1

DURATION, NUMBER OF BAGGAGE, OR BOTH

2

BRAND OF THE VIRTUAL CONTROL KEYBOARD

3

PROBABILITY ASSOCIATED TO EACH CATEGORY OF PROHIBITED ITEMS

The screenshot shows the 'COURSES' creation interface. At the top, there's a header with a '+' icon and a search icon. Below it, there are three input fields for 'description', 'scope', and 'group', each with a placeholder text 'Digita il testo da cercare e premi il tasto invio'. The main form is divided into two columns. The left column contains fields for 'NAME', 'START DATE' (with a placeholder 'inserisci la data nel formato gg/mm/aaaa'), 'END DATE' (with a placeholder 'inserisci la data nel formato gg/mm/aaaa'), 'PLACE', 'KEYBOARD', 'DURATION (IN MINUTES)', and 'NUMBER OF BAGS'. The right column features a blue box with the text 'INDICATE THE COMPOSITION OF A SET OF BAGS (always refer to a set of 100 bags, even if you have indicated a different amount in the "NUMBER OF BAGS" box)'. Below this box, there's a section with 'REMAINING: 100' and 'USED: 0'. At the bottom of the right column, there are five radio button options: 'CLEAN', 'FIREARMS & BULLETS', 'ELECTRONIC DEVICES > A5', 'BLADES & KNIVES', 'BLUNT OBJECTS', and 'I.E.D. & I.I.D.'.

Report Section



DECISION MADE
SPLIT - ETD - OPEN

RIGHT DECISION
ALARM



DECISION MADE
PASS

RIGHT DECISION
PASS



DECISION MADE
PASS

RIGHT DECISION
ALARM

The session review section provides a report of all **images displayed** and **operations performed** for each baggage, allowing for the identification of **specific weaknesses** and **critical issues**.

Time spent on	Start date	End date	Score
0:00:00			0%
0:00:00			0%
0:20:00	10/10/21	11/10/21	18.88%
0:06:24	22/10/21		23.75%
0:00:00			0%
0:00:00			0%
0:01:01	28/11/23		0%
0:00:00			0%
0:00:00			0%
0:55:47	12/10/21		65.29%
0:00:24	31/10/23		32.26%
0:00:00			0%
0:07:39	21/01/22		0%

Performance scores are collected in summary reports that can be filtered by **individual user**, **entire group**, **specific course** or **time laps**.

STARTING DATE: 15/03/2024

END DATE: 25/03/2024

PERSON:

COMPANY :

DURATA SESSIONE: 120 minuti

ANALYZED BAGS: 257

DANGEROUS BAGS: 257

HARMLESS BAGS: 0

CORRECTLY RATED: 168 (65%)

EVALUATION DETAIL

DANGEROUS IDENTIFIED: 168 su 257

HARMLESS IDENTIFIED: 0 su 0

Training certificates are issued upon completion of each course and serve as an important tool for keeping track of screeners' **progress** and **activities**.



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Let's Connect With Us!



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